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ABSTRACT OF THE DISCLOSURE

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3 A method (and system) for quantifying a three-dimensional model of interference
4 in a cellular wireless communication network. The model is derived from the acquisition
5 and analysis of composite signals as part of a survey of ground-level locations and above-
6 ground-level locations within the intended coverage zone of the cellular wireless
7 communication network. Reliable identification and correlation of signal components are
8 derived by analysis of the acquired composite signals that uses time-of-arrival of a known
9 part of a signal (e.g., the FCCH burst used in GSM for frequency correction).